

From: [Jay Field](#)
To: [John Toll](#)
Cc: [Nancy Musgrove](#); [Lucinda Tear](#); [Corinne Severn](#); [Eric Blischke/R10/USEPA/US@EPA](#); [Robert Neely](#); [Corinne Severn](#)
Subject: Re: LWG hit classification changes
Date: 11/18/2010 09:07 PM

Hi John,
thanks for checking.
Jay

On 11/18/2010 6:01 PM, John Toll wrote:
> Hi Jay. Lucinda's looked into this and agrees with you that the mistake was at our end. We
used 8 replicates with zero as the effect value for biomass for Labrep = 1. So your CHG hit
classification for G643 is correct. We'll send you the final hit classification table tomorrow.
John

>
> -----Original Message-----
> From: Jay Field [mailto:Jay.Field@noaa.gov]
> Sent: Thursday, November 18, 2010 9:26 AM
> To: Nancy Musgrove
> Cc: John Toll; Burt Shepard; Eric Blischke; Robert Neely
> Subject: LWG hit classification changes
>
> Nancy,
> we reviewed the changes in hit classifications changes identified by LWG
> and have one question about the "NOAA QC error" for Chironomus biomass
> results for station G643. the following text is from our notes on the
> bioassay results for Phase 3 that are included in our database:
>
> "For StationID = G643 (File 48), Labrep = 1, the initial number of
> organisms was 15. This replicate was not used for the calculations.
> Therefore, the lab (and this database) used n=7 for average effect
> values for survival,
> biomass and growth calculations. With respect to calculating
> statistical significance, Windward used 7 replicates for the survival
> endpoint, but used 8 replicates with zero as the effect value for
> biomass for Labrep = 1. "
>
> If you include rep 1 and treat as 0 survival, then the survival test
> value should be 73.75 and test/ctrl 84.29. Are those the values for
> survival that you used?
>
> As we discussed at the meeting on 11/4, it would be very helpful if LWG
> provided a table with results for each endpoint that included the
> following information: test values, test/ctrl, ctrl, statistical
> significance, and toxicity (hit) level.
>
> thanks,
> Jay
>
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